

AMENDMENTS TO THE CLAIMS

1. **(Currently Amended)** An Optical Mechanical Assembly (~~OMA~~) for use in a portable optical data storage device, comprising a single piece chassis.
2. **(Currently Amended)** An Optical Mechanical Assembly as claimed in claim 1, ~~further comprising having~~ mounting means for mounting components of the portable optical storage device thereon.
3. **(Currently Amended)** An Optical Mechanical Assembly as claimed in claim 2, wherein, said mounting means is a mounting plate for ~~the~~ a motor shaft of ~~the~~ a disc spindle motor.
4. **(Currently Amended)** An Optical Mechanical Assembly as claimed in claim 2, ~~or claim 3~~ wherein, said mounting means is a mounting plate for ~~the~~ a windings of ~~the~~ a disc spindle motor.
5. **(Currently Amended)** An Optical Mechanical Assembly as claimed in ~~any one of claims 2, to 4~~ wherein, said mounting means is a mounting plate for ~~the~~ a control circuit of ~~the~~ a disc spindle motor.
6. **(Currently Amended)** An Optical Mechanical Assembly as claimed in ~~any one of claims 1, 2 to 5~~ wherein, the chassis is made from metal.
7. **(Currently Amended)** An Optical Mechanical Assembly as claimed in ~~any one of claims 2, to 6~~ wherein, said mounting means is ~~the~~ a mounting plate for ~~the~~ a sled motor.

8. **(Currently Amended)** An Optical Mechanical Assembly as claimed in ~~any one~~ of claims 2, ~~to 7~~ wherein, said mounting means is ~~the~~ a mounting plate for ~~the~~ a drive system.

9. **(Currently Amended)** An Optical Mechanical Assembly as claimed in ~~any one~~ of claims 2, ~~to 8~~ wherein said mounting means is ~~the~~ a mounting plate for ~~the~~ a leadscrew.

10. **(Currently Amended)** An Optical Mechanical Assembly as claimed in ~~any one~~ of claims 2, ~~to 9~~ wherein, said mounting means is ~~the~~ a mounting plate for a first guide rail.

11. **(Currently Amended)** An Optical Mechanical Assembly as claimed in ~~any one~~ of claims 2, ~~to 10~~ wherein said mounting means is a mounting plate, wherein a sled motor is attached to said mounting plate, the sled motor being driven onto ~~the~~ a leadscrew via a gearbox assembly.

12. **(Currently Amended)** An Optical Mechanical Assembly as claimed in ~~any one~~ of claims 2, ~~to 10~~ wherein said mounting means is a mounting plate, wherein a sled motor is attached to said mounting plate, the sled motor being driven directly from a stepper motor onto ~~the~~ a leadscrew.

13. **(Currently Amended)** An Optical Mechanical Assembly as claimed in ~~any one~~ of claims ~~1 to 12~~, wherein, a second guide rail is mounted on the chassis, ~~and such that~~ the sled motor ~~that drives~~ from the leadscrew acts on the an optical pickup OPU via ~~the~~ is second guide rail via a cam to. ~~This reduces vibrational susceptibility.~~

14. **(Currently Amended)** An Optical Mechanical Assembly as claimed in ~~any one~~ of claims ~~1 to 13~~, wherein, a plurality of screws are used to allow ~~for~~ OPU-tilt adjustment of the optical pickup.

15. **(Currently Amended)** An Optical Mechanical Assembly as claimed in claim 14, wherein, the screws are mounted on both ends of ~~the~~ a first guide rail, and one end of the leadscrew.

16. **(Currently Amended)** An Optical Mechanical Assembly as claimed in ~~any one~~ of claims 14, ~~or 15~~ wherein the plurality of screws comprises~~there are~~ three screws.

17. **(Currently Amended)** An Optical Mechanical Assembly as claimed in ~~any one~~ of claims 14, ~~to 16~~ wherein; the screws are mounted on both ends of the leadscrew and one end of ~~the~~ a first guide rail.

18. **(Currently Amended)** An Optical Mechanical Assembly as claimed in ~~any one~~ of claims 14, ~~to 17~~ wherein; the screws are mounted on both ends of at least one of a~~the~~ first guide rail or and the second guide rails, and one end of at least one of the first guide rail and the second guide rail~~the other~~ to allow for optical pickup~~OPU~~ tilt adjustment.

19. **(Currently Amended)** An Optical Mechanical Assembly as claimed in ~~any one~~ of claims 14, ~~to 18~~ wherein; the screws are spring mounted.